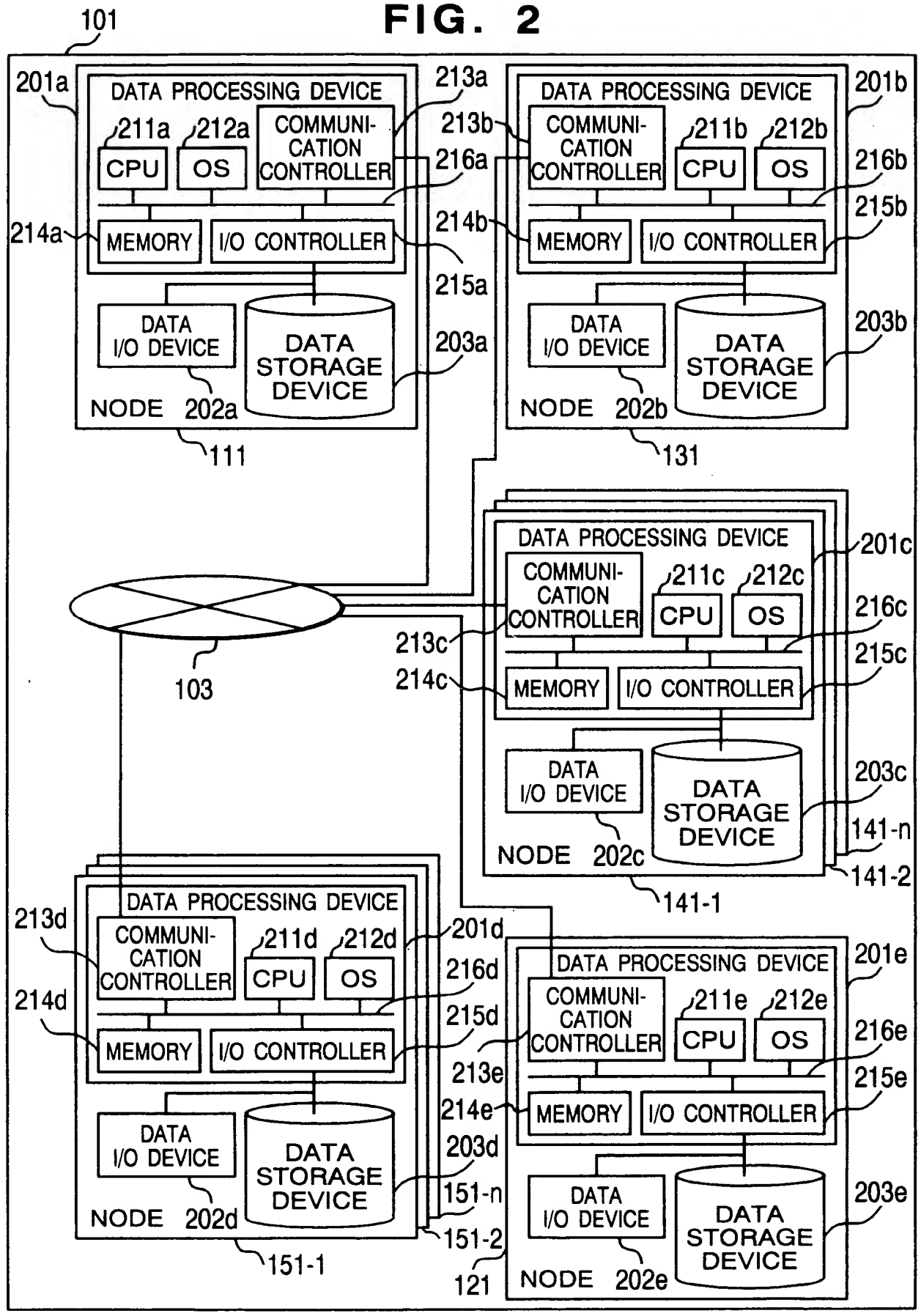


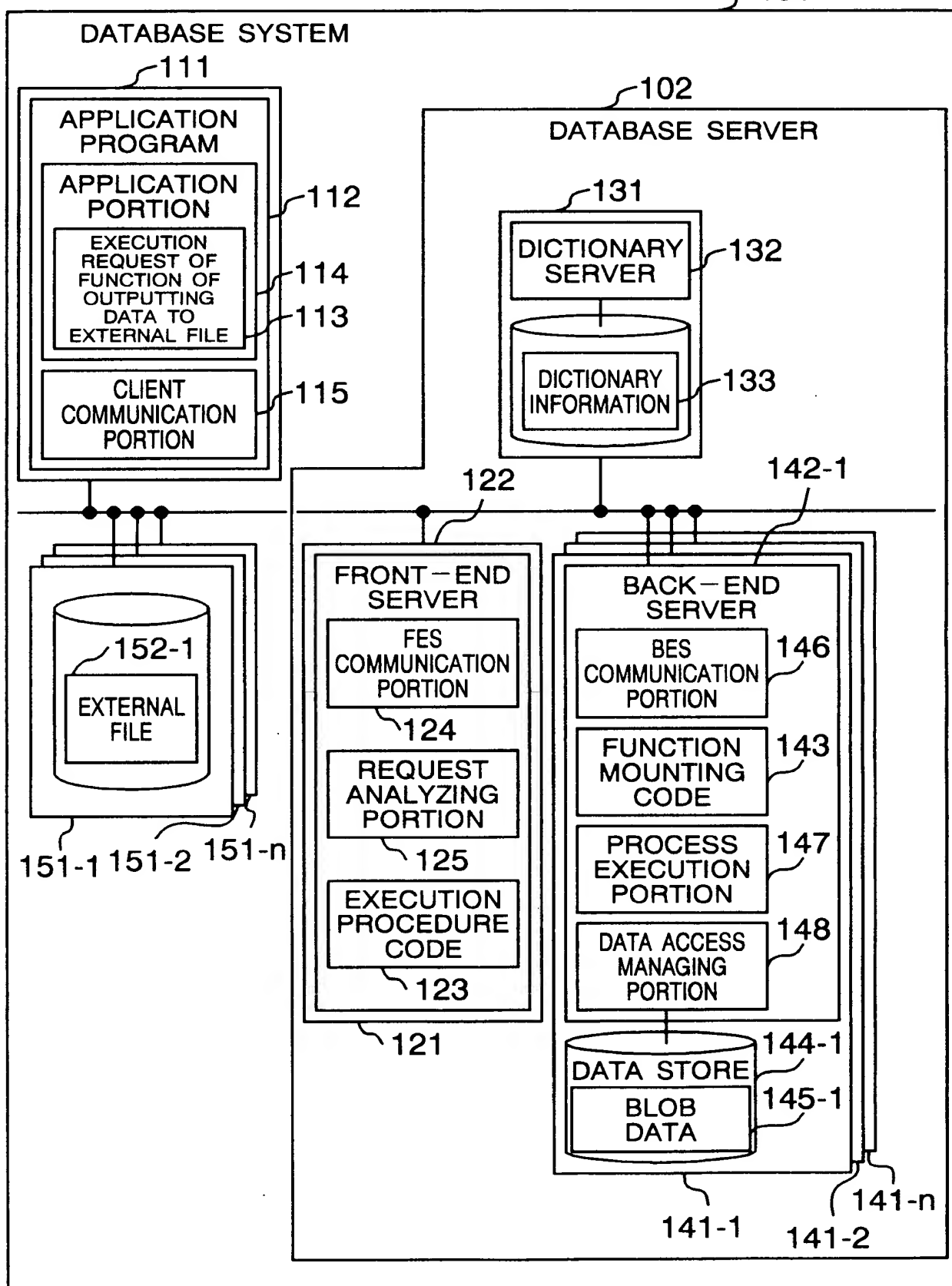
FIG. 1

continued on next page

FIG. 2



# FIG. 3



Approved for Release

FIG. 4

401

```
CREATE TABLE employee (  
    empno          INTEGER ,  
    name           VARCHAR (30) ,  
    dept           VARCHAR (30) ,  
    photo          BLOB (10M)) ;
```

402  
403  
404  
405  
406

FIG. 5

501

511 empno	512 name	513 dept	514 photo	
1789	George	design	(blob1)	521
1797	John	account	(blob2)	522
1801	Thomas	design	(blob3)	523
1809	James	general	(blob4)	524
1829	Andrew	account	(blob5)	525
1837	Martin	planning	(blob6)	526

APPROVED	D.E. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

FIG. 6

601

```
CREATE FUNCTION fileout ( BLOB )
    RETURNS VARCHAR (255)
    EXTERNAL NAME ' bin/fileout '
    LANGUAGE C ;
```

602  
603  
604  
605

**FIG. 7**

# FIG. 8

801

```

EXEC SQL BEGIN DECLARE SECTION      802
    VARCHAR(255) photoFilename ;    803
    VARCHAR(30) empName ;           804
EXEC SQL END DECLARE SECTION ;      805

EXEC SQL DECLARE curs1 CURSOR FOR   806
    SELECT name, fileout (photo)    807
    FROM employee                   808
    WHERE dept = 'design' ;          809

EXEC SQL OPEN curs1 ;               810

while (1) {                          811
    EXEC SQL FETCH curs1 INTO : empName, photoFilename ; 812
    if (SQLCODE == 100) break ; /* no more data */ 813
    setImageDataToList (empName, photoFilename) ; 814
}                                     815

EXEC SQL CLOSE curs1 ;              816

displayImageDataList ( ) ;          817
    
```

# FIG. 9

901	911	912	
	George	dbsvexfile1	921
	Thomas	dbsvexfile2	922

APPROVED	FIG.	
BY	NAME	GLASS
DRAFTSMAN		

FIG. 10

1001

<HTML>

George : <IMG SRC="dbsvexfile1"><BR>

Thomas : <IMG SRC="dbsvexfile2"><BR>

</HTML>

1002

1003

1004

1005



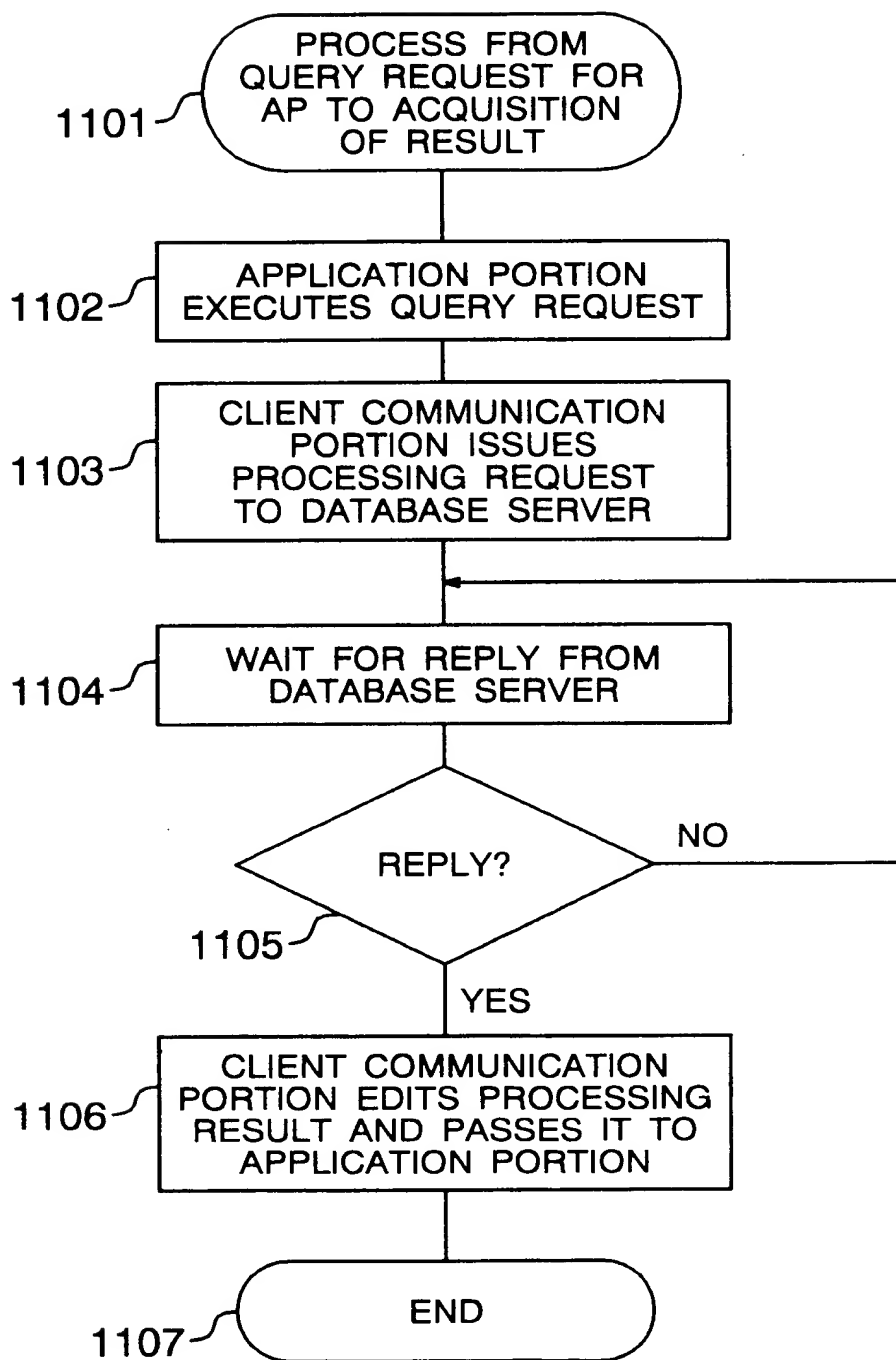
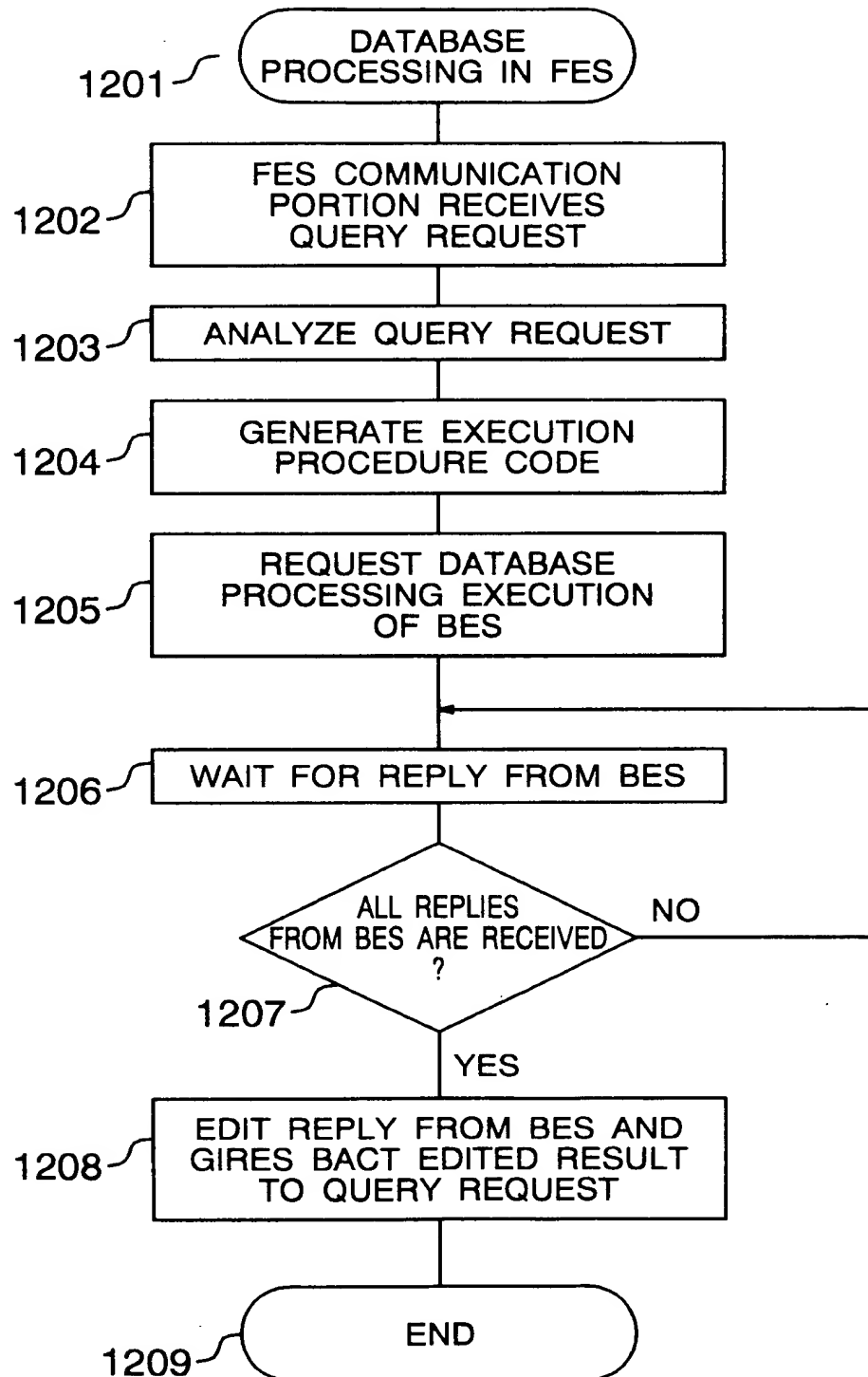
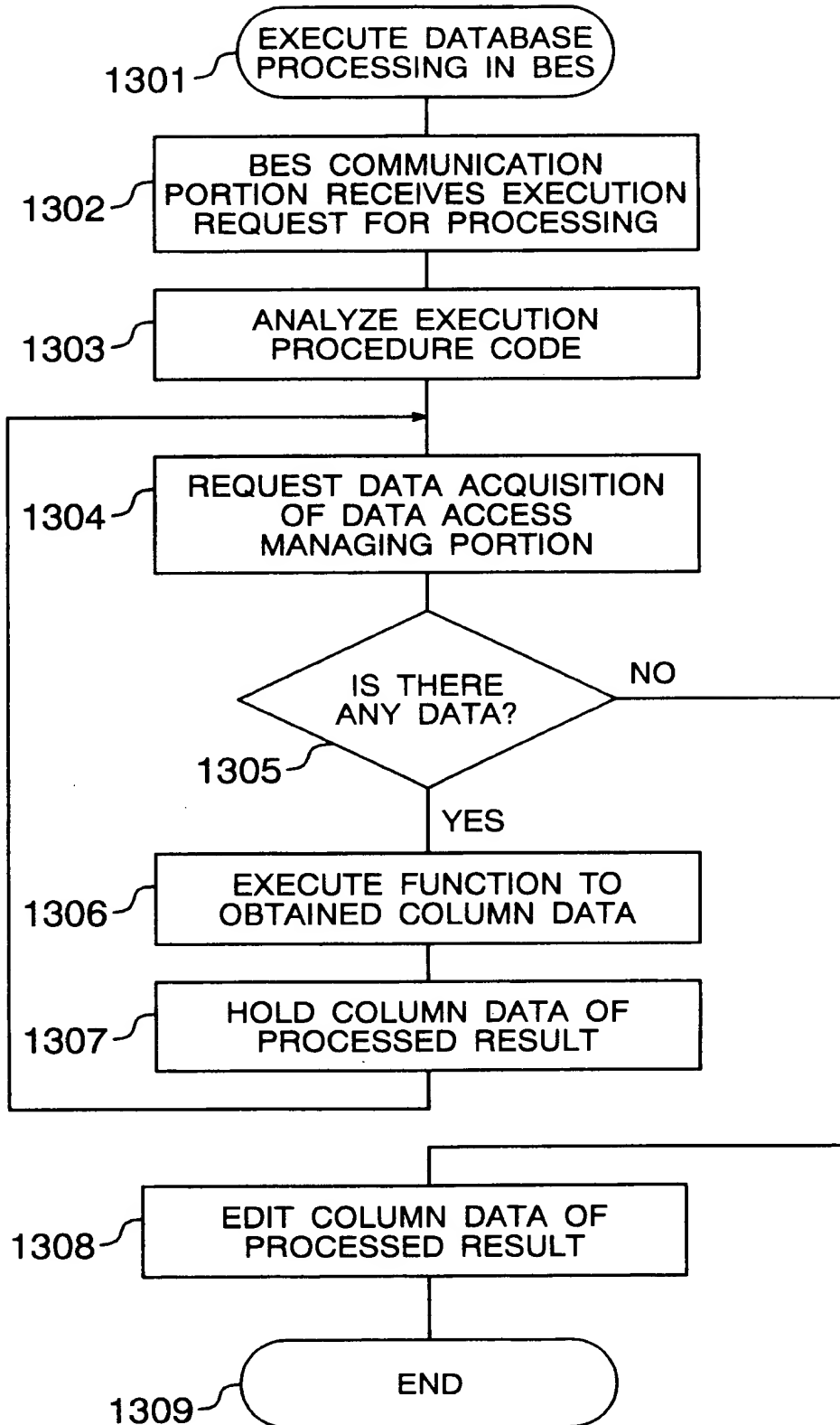


FIG. 12



60200-11-13-80

FIG. 13



000000000000000000

FIG. 14

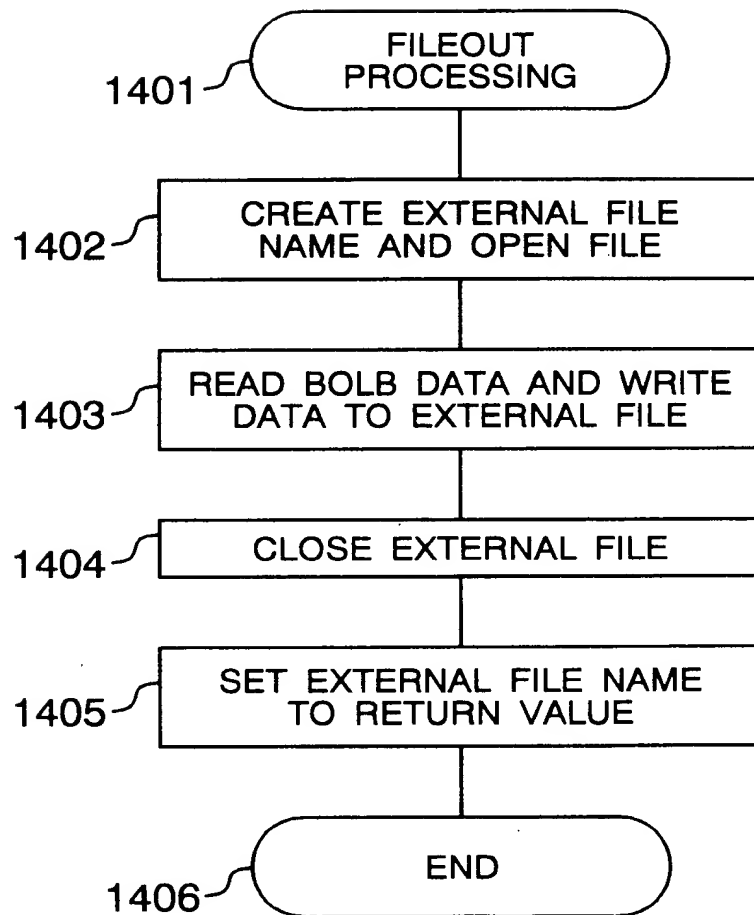


FIG. 15

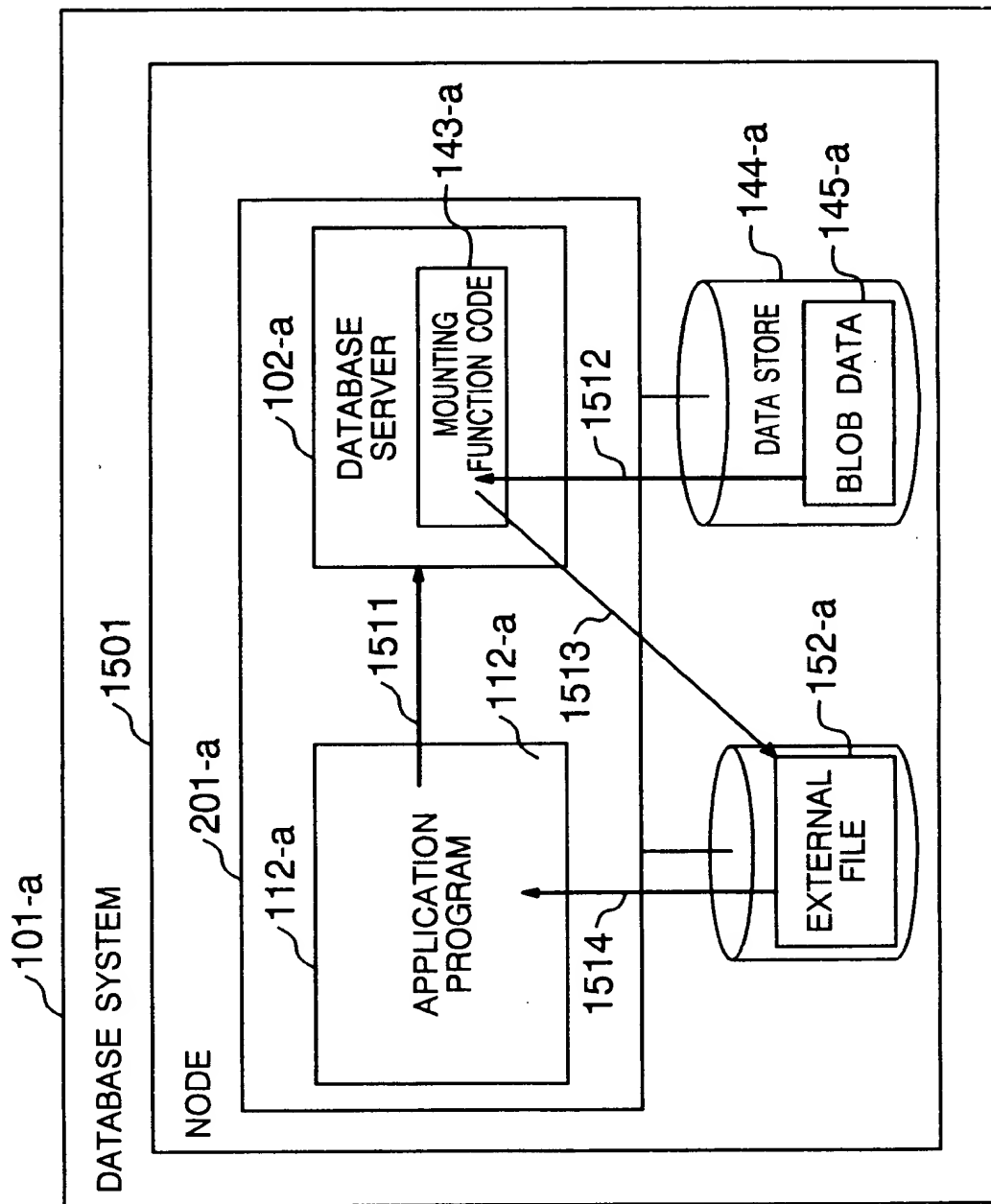


FIG. 16

